Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Previously Presented) An ink reservoir adapted for holding a supply of pigmented ink, the ink comprising solid particles of colorant dispersed in a carrier fluid, comprising:

a containment vessel;

a supply of pigmented liquid ink disposed in the containment vessel;

a body of reservoir material disposed in the vessel;

a fluid interconnect opening formed in the vessel;

a screen disposed in the containment vessel and across the interconnect opening and in contact with the body of reservoir material, the screen having a pore size small enough to prevent air passage at operational pressures and large enough to allow said dispersed colorant particles to pass therethrough.

2. (Original) The ink reservoir of Claim 1, wherein the body of reservoir material forms a capillary storage member for storing ink within the reservoir under negative pressure.

3. (Original) The ink reservoir of Claim 1, wherein the containment vessel has a bottom wall and a top wall, and wherein the fluid interconnect opening is disposed in the bottom wall, and a vent opening is formed in the top wall.

4. (Canceled)

5. (Original) The ink reservoir of Claim 1, wherein the screen has a nominal pore size of 40 microns.

6. (Original) The ink reservoir of Claim 1, wherein the screen is fabricated of a polyester mesh.

7. (Original) The ink reservoir of Claim 1 further comprising a housing having a wall in which the interconnect opening is defined, and said screen is bonded to said wall in a peripheral region about the interconnect opening.

8. (Previously Presented) A method for ink replenishment in an inkjet printing system employing pigmented ink, the ink comprising solid particles of colorant dispersed in a carrier fluid, the system including an inkjet printhead and a replaceable ink container, and a fluid interconnect providing an ink replenishment path between a fluid interconnect inlet port and the printhead, the method comprising:

providing the ink container with an interconnect outlet port, and with a body of reservoir material disposed in the container, the ink container further including a screen disposed across the interconnect outlet port and in contact with the reservoir material, the screen having a pore size small enough to prevent air passage at operational pressures and large enough to allow said dispersed colorant particles to pass therethrough;

bringing the interconnect outlet port and the screen into contact with the fluid interconnect inlet port;

drawing ink stored in the container through the screen, the fluid interconnect and to the printhead.

9. (Previously Presented) The method of Claim 8, further comprising the step of providing a filter in the fluid interconnect at the fluid interconnect inlet port.

10. (Previously Presented) The method of Claim 8 further comprising:

providing a fluid interconnect tower having at a distal end thereof the fluid interconnect inlet port, and

wherein the step of bringing the interconnect outlet port and the screen into contact with the fluid interconnect inlet port includes positioning the ink container against the fluid interconnect tower so that the screen contacts the distal end of the fluid interconnect tower.

11. (Original) The method of Claim 10, wherein the step of providing a fluid interconnect tower includes positioning a filter at the distal end of the fluid interconnect tower.

12. (Original) The method of Claim 8, wherein the step of providing a fluid interconnect tower includes positioning a filter at the distal end of the fluid interconnect tower.

13. (Original) The method of Claim 8, wherein the screen pore size is selected to be large enough to keep the ink backpressure below a threshold backpressure during normal operating conditions.

14. (Currently Amended) An inkjet printing system, comprising:

an inkjet print cartridge comprising an inkjet printhead;

a replaceable ink container for holding a primary supply of pigmented liquid ink, the ink container comprising a containment vessel, a body of reservoir material disposed in the vessel, a fluid interconnect opening formed in the vessel, and a screen disposed in the containment vessel and across the interconnect opening and in contact with the body of reservoir material, the screen having a pore size small enough to prevent air passage at operational pressures and large enough to allow said dispersed colorant particles to pass therethrough;

a receiving station for mounting the print cartridge and the ink container;

a fluid interconnect structure for establishing a fluid path between the ink container and the print cartridge when the ink container and the print cartridge re installed in the receiving station, the fluid interconnect structure including an

interconnect tower having at a distal end thereof a fluid interconnect inlet port, and wherein the fluid interconnect opening and the screen [~~is~~] are brought into contact with the fluid interconnect inlet port ~~opening~~ when the ink container is installed in the receiving station.

15. (Original) The system of Claim 14, wherein the body of reservoir material forms a capillary storage member for storing ink within the reservoir under negative pressure.

16. (Original) The system of Claim 14, wherein the containment vessel has a bottom wall and a top wall, and wherein the fluid interconnect opening is disposed in the bottom wall, and a vent opening is formed in the top wall.

17. (Original) The system of Claim 14, further comprising a supply of pigmented liquid ink disposed in the containment vessel.

18. (Original) The system of Claim 14, wherein the screen has a nominal pore size of 40 microns.

19. (Original) The system of Claim 14 wherein the screen is fabricated of a polyester mesh.

20. (Original) The system of Claim 14 wherein the containment vessel comprises a wall in which the interconnect opening is defined, and said screen is bonded to said wall in a peripheral region about the interconnect opening.

21. (Previously Presented) A method for ink replenishment in an inkjet printing system employing pigmented ink, the ink comprising solid particles of colorant dispersed in a carrier fluid, the system including an inkjet printhead and a replaceable ink container, and a fluid interconnect providing an ink

replenishment path between the ink container and the printhead, the fluid interconnect having a fluid interconnect inlet port, the method comprising:

providing the ink container with an interconnect outlet port and with a body of reservoir material disposed in the container, the body of reservoir material having a region adjacent to and in contact with a screen disposed within the container and across the interconnect outlet port, the screen having a pore size small enough to prevent air passage at operational pressures and large enough to allow said dispersed colorant particles to pass therethrough;

bringing the screen into contact with the fluid interconnect inlet port, thereby compressing the region of the body of reservoir material adjacent to the screen and forming a region of increased capillarity adjacent the fluid interconnect outlet port;

drawing ink stored in the container through the screen, the fluid interconnect and to the printhead.

22. (Previously Presented) The method of Claim 21, further comprising the step of providing a filter in the fluid interconnect at the fluid interconnect inlet port.

23. (Previously Presented) The method of Claim 21, further comprising:

providing a fluid interconnect tower having at a distal end thereof the fluid interconnect inlet port, and

wherein the step of bringing the screen into contact with the fluid interconnect inlet port includes positioning the ink container against the fluid interconnect tower so that the screen contacts the distal end of the fluid interconnect tower, thereby compressing the reservoir material and forming a region of increased capillarity adjacent the fluid interconnect.

24. (Previously Presented) The method of Claim 23, wherein the step of providing a fluid interconnect tower includes positioning a filter at the distal end of the fluid interconnect tower.

25. (Previously Presented) The method of Claim 21, further comprising: filling the ink container with a supply of liquid pigmented ink.

26. (Previously Presented) The method of Claim 21, wherein the screen pore size is selected to be large enough to keep the ink backpressure below a threshold backpressure during normal operating conditions.

27. (Previously Presented) A method for ink replenishment in an inkjet printing system employing pigmented ink, the ink comprising solid particles of colorant dispersed in a carrier fluid, the system including an inkjet printhead and a replaceable ink container, and a fluid interconnect providing an ink replenishment path between the ink container and the printhead, the fluid interconnect having a fluid interconnect inlet port, the method comprising:

providing the ink container with an interconnect outlet port, and with a body of reservoir material disposed in the container, the ink container further including an outlet screen disposed across the interconnect outlet port and in contact with the reservoir material, the outlet screen having a pore size small enough to prevent air passage at operational pressures and large enough to allow said dispersed colorant particles to pass therethrough;

providing the fluid interconnect with an inlet screen disposed across the interconnect inlet port, the inlet screen having a pore size larger than the pore size of the outlet screen and large enough to avoid clogging from dried ink pigments under typical use conditions;

bringing the outlet screen into contact with the fluid interconnect inlet port; and

drawing ink stored in the container through the screen, the fluid interconnect and to the printhead.

28. (Previously Presented) The method of Claim 27, wherein the inlet screen has a nominal pore size at least twice as large as a nominal pore size of the outlet screen.

29. (Previously Presented) The method of Claim 27, wherein the inlet screen has a nominal pore size of at least 100 microns.

30. (Previously Presented) The method of Claim 27, wherein the inlet screen has a nominal pore size within a range from 100 microns to 200 microns.

31. (Previously Presented) The method of Claim 27, further comprising:

filling the ink container with a supply of liquid pigmented ink.

32. (Previously Presented) An ink supply system for an inkjet printing system with an inkjet print cartridge, comprising:

a replaceable ink container for holding a supply of pigmented liquid ink, the ink container comprising a containment vessel, the containment vessel having an interconnect opening;

a screen disposed in the containment vessel and across the interconnect opening, the screen having a pore size small enough to prevent air passage at operational pressures and large enough to allow dispersed colorant particles of the pigmented liquid ink to pass therethrough;

a body of reservoir material disposed in the containment vessel, the body of reservoir material having a region adjacent to and in contact with the screen;

a receiving station for mounting the ink container;

a fluid interconnect structure for establishing a fluid path from the ink container to the ink jet cartridge when the ink container is installed in the receiving station, the fluid interconnect structure including an interconnect tower having a distal end with a fluid interconnect inlet port;

wherein when the ink container is installed in the receiving station, the fluid interconnect inlet port contacts the screen thereby compressing the region of the body of reservoir material adjacent to the screen and forming a region of increased capillarity adjacent the screen.

33. (Previously Presented) The system of Claim 32, wherein the body of reservoir material includes a capillary storage member for storing ink within the reservoir under negative pressure.

34. (Previously Presented) The system of Claim 32, wherein the containment vessel has a bottom wall and a top wall, and wherein the fluid interconnect opening is disposed in the bottom wall, and a vent opening is formed in the top wall.

35. (Previously Presented) The system of Claim 32, further comprising a supply of pigmented liquid ink disposed in the containment vessel.

36. (Previously Presented) The system of Claim 32, wherein the screen has a nominal pore size of 40 microns.

37. (Previously Presented) The system of Claim 32, wherein the screen is fabricated of a polyester mesh.

38. (Previously Presented) The system of Claim 32 wherein the containment vessel comprises a wall in which the interconnect opening is defined, and said screen is bonded to said wall in a peripheral region about the interconnect opening.